



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 4, 2017

Tracy Jackson
Regulatory Affairs Associate
Certis USA LLC
9145 Guilford Road, Suite 175
Columbia, MD 21046

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling and Formulation
Amendment – Add Optional Hose-End Spray Directions, Add Optional Referral
Statements, and Make Changes Requested by the EPA (e.g., Adjust the Pesticide
Disposal and Container Handling Statements) to/on the Labeling and Update the Basic
Confidential Statement of Formula
Product Name: Thuricide HPC-O RTU
EPA Registration Number: 70051-113
Application Date: 11/03/2016
OPP Decision Number: 523527

Dear Ms. Jackson:

The amended labeling and Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

Please note that the record for this product currently contains the following acceptable CSF:

- Basic CSF dated 4/25/2017

Any CSFs other than that listed above are superseded/no longer valid.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling

or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Michael Glikes by phone at (703) 305-6231 or via email at glikes.michael@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeannine Kausch', with a stylized flourish at the end.

Jeannine Kausch, Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

Thuricide® HPC-O RTU

FOR HOME & GARDENS

BIOLOGICAL INSECTICIDE

Controls worms and caterpillars on Fruits, Vegetables, Ornamentals and Shade Trees
in and around the home garden



For Organic Gardening

ACTIVE INGREDIENT:

*Bacillus thuringiensis subspecies kurstaki strain SA-12 solids,
spores and Lepidopteran active toxins (A minimum of 6 million
viable spores per mg of AI)** 9.83%

OTHER INGREDIENTS: 90.17%

TOTAL 100.00%

*The percent active ingredient does not indicate product performance and potency
measurements are not federally standardized

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See inside panel(s) for additional Precautionary Statements, First Aid Statements,
Directions for Use, and Storage and Disposal Statements

MANUFACTURED BY:

Certis USA LLC
9145 Guilford Road, Suite 175
Columbia, MD 21046



EPA Reg. No. 70051-113

EPA Est. No. 70051-CA-001

Lot {or} Batch Number:

Net Contents:

ACCEPTED

05/04/2017

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 70051-113

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [Hot Line Number: 1-800-255-3924 [Chemtel].]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

{For packages up to 5 gal.}

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

This product must not be applied within 300 feet of any habitats of threatened or endangered Lepidoptera (i.e., moths or butterflies).

{For packages greater than 5 gal.}

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

This product must not be applied within 300 feet of any habitats of threatened or endangered Lepidoptera (i.e., moths or butterflies).

GENERAL INFORMATION

Thuricide HPC-O RTU is easy to use. Properties include:

Kills worms and caterpillar stage insects, but has no effect on birds, earthworms, or beneficial insects, such as honeybees and ladybugs, when used as directed.

Worms and caterpillars eat treated foliage, then immediately stop feeding and damaging plants.

Acceptable for use on edible plants up to the day of harvest.

DIRECTIONS FOR USE

It is violation of Federal Law to use this product in a manner inconsistent with its labeling.

For Use: Apply Thuricide HPC-O RTU when worms or caterpillars are first noticed, then repeat at five (5) to seven (7) day intervals while they are active. Apply more frequently to control heavy infestations. Apply thoroughly to top and bottom of foliage. Reapply after heavy rains.

Thuricide HPC-O RTU must be eaten by worms or caterpillars to be effective. After ingesting the insecticide, they immediately stop feeding, though they may otherwise appear to be unaffected for several days. Best results are obtained by treatments when worms are small; they must be actively feeding on treated, exposed foliage. You may apply Thuricide HPC-O RTU up to and on the day of harvest.

How to Apply: Always shake Thuricide HPC-O RTU thoroughly before use. Spray leaf surfaces thoroughly, top and bottom, for complete control. Shake regularly while spraying.

Fruits and Vegetables: Spray all plant foliage. Apply at first sign of infestation and repeat at five (5) to seven (7) day intervals when needed to control insects in the fruit and vegetable garden:

Cabbage Looper, Armyworms, Hornworms, and other Lepidopteran (moth) pests on broccoli, cauliflower, collards, kale, mustard greens, turnip greens, cabbage, celery, lettuce, pepper, eggplant, melons and tomatoes.

Shade Trees & Ornamentals in and around the Home:

Spray at first sign of infestation and repeat at five (5) to seven (7) day intervals when needed to maintain control. Apply to thoroughly cover all foliage surfaces of shade trees and ornamentals for control of the following leaf-feeding worms:

Bagworm
Fall Cankerworm
Tent Caterpillar
Fall Webworm

Spring Cankerworm
Gypsy Moth*
Elm Spanworm

*Apply when buds swell, but before leaves are fully open. If eggs hatch over a long period of time or if reinfestation occurs, spray about 14 days after first application.

STORAGE AND DISPOSAL

Pesticide Storage: Store in a cool place. Activity may be impaired by storage at temperatures above 90°F.

{For containers less than or equal to 5 gallons}

Pesticide Disposal and Container Handling: Nonrefillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

{For containers greater than 5 gallons}

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke

WARRANTY

Certis USA LLC warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. To the extent consistent with applicable law, NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.

{The following text may or may not appear, in whole or part, on the final label:}

[Optional For Use with EZ Sprayer]

EZ Connect Sprayer [Sprayer directions]

- Remove sprayer. Pull cord ALL THE WAY OUT.
- Remove top from cap on bottle.
- Insert (color) plug into spout on cap until it clicks.
- Twist nozzle on sprayer to the spray position.

- Referral Statements
 - See [side][back][right][left][inside][other] panel for [additional] [[precautionary] [and] [first aid] statements] [[use] directions [for use]]
 - See [attached] [booklet] [book] for [additional] [[precautionary] [and] [first aid] statements] [[use] directions [for use]]
 - Refer to [inside of] label booklet for [additional] [precautionary] [first aid] information [and] [[Directions] for Use] [including] [First Aid] [and] [Storage and Disposal]
 - Peel [back] [book] [booklet] [label] [here] [▶] [→] {may be accompanied by an arrow or other indicator}